

<110> SHIMADZU CORPORATION, National University Corporation Yamaguchi University

<120> Method of posttranslational modification by addition of microsome membrane in cell-free protein synthesis

<130> G104090WO

<150> JP 2003-384387

<151> 2003-11-13

<160> 9

<210> 1

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> 5'UTR (EoNPV polyhedrin gene)

<400> 1

agtattgtag tcctttcgta attgtttgtg aaatctaaaa tacaccgta 49

<210> 2

<211> 702

<212> DNA

<213> homo sapience

<220>

<223> pro-TNF GLC

<400> 2

atgagcactg	aaagcatgat	ccgggacgtg	gagctggccg	aggaggcgct	ccccaagaag	60
acaggggggc	cccagggctc	caggcggtgc	ttgttcctca	gcctcttctc	cttcctgata	120
gtggcaggcg	ccaccacgct	cttctgcctg	ctgcactttg	gagtgatcgg	ccccagagg	180
gaagagtccc	ccagggacct	ctctctaata	agccctctgg	cccaggcagt	cagatcatct	240
tctcgaacct	cgagtgacaa	gcctgtagcc	catgtttag	caaaccctca	agctgagggg	300
cagctccagt	ggctgaaccg	ccgggccaat	gccctcctgg	ccaatggcgt	ggagctgaga	360
gataaccagc	tggtggtgcc	atcagagggc	ctgtacctca	tctactccca	ggtcctcttc	420
aagggccaaag	gctgcccctc	cacccatgtg	ctcctcacc	acaccatcag	ccgcatcgcc	480
gtctcctacc	agaccaaggt	caacctctc	tctgccatca	agagcccctg	ccagagggag	540
accccagagg	gggctgaggc	caagccctgg	tatgagccca	tctatctggg	aggggtcttc	600
cagctggaga	agggtgaccg	actcagcgct	gagatcaatc	ggcccgacta	tctcgacttt	660
gccgagtcgt	ggcaggtcta	ctttgggata	attgccctgt	ga		702

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 3

ttggatcctg caaaaagaac 20

<210> 4

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 4

gttcttggat ccctcgagaa t 21

<210> 5  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 5  
cccaagctta aaaaaccct c

21

<210> 6  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 6  
aaaaagcttc ccctggcgta a

21

<210> 7  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> His-Tag coding DNA

<400> 7  
ccaccaccac caccaccact ga

22

<210> 8  
<211> 26  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 8  
cgggatccat gagcactgaa agcatg

26

<210> 9  
<211> 26  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 9  
cggaattcca gggcaatgat cccaaa

26